

Converting Colors

Hex(09BBEC)

Have a look what the booklet for
Hex(09BBEC) contains.

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Color

Hex(09BBEC)

Conversions

Conversions Part 1

Format	Color
Hex	09BBEC
RGB	9, 187, 236
RGB Percent	4%, 73%, 93%
CMY	0.9647, 0.2667, 0.0745
CMYK	0.96, 0.21, 0.00, 0.07
HSL	193°, 93%, 48%
HSV	193°, 96%, 93%
XYZ	33.0233, 41.6549, 85.6566
YIQ	139.3640, -121.8170, -22.4970

Conversions

Conversions Part 2

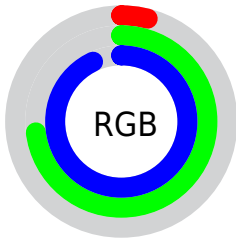
Format	Color
RYB	9, 109, 236
Decimal	637932
CIELab	70.63, -21.91, -35.26
CIELCh	71, 41.515, 238.144
Yxy	41.6549, 0.2060, 0.2598
Android (android.graphics.Color)	4278828012 (0xFF09BBEC)
YUV	139.3640, 47.6415, -114.3292
Hunter-Lab	64.5406, -21.6134, -33.5097

Details

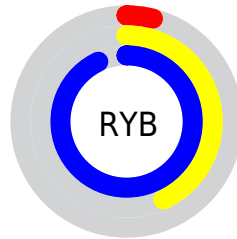
The Hex color **09BBEC** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **EC3A09**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **6FF3FF**, and **0086B4** is the 20% darker color. If you saturate the color by 10%, you get **00B9EC**, and if you desaturate by 10%, it is **21C0EC**.

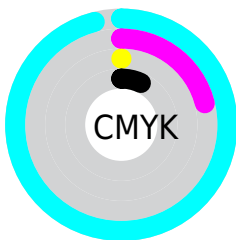
Distribution



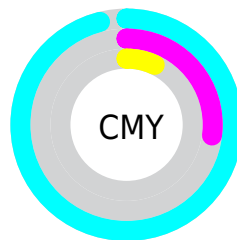
- Red (4%)
- Green (73%)
- Blue (93%)



- Red (4%)
- Yellow (43%)
- Blue (93%)



- Cyan (96%)
- Magenta (21%)
- Yellow (0%)
- Black (7%)



- Cyan (96%)
- Magenta (27%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09BBEC changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 09BBEC by changing the saturation by 10% instead.

 09BBEC

 09BBEC

FFFFFF

 00A0D0

 6FF3FF

 0086B4

 90FFFF

 006C99

 B1FFFF

 00547F

 D0FFFF

 003D66

 F0FFFF

 00274D

 000936

 000220

 000005

■ 09BBEC

■ 09BBEC

■ 00B9EC

■ 21C0EC

■ 38C5EC

■ 50CAEC

■ 67CFEC

■ 7FD4EC

■ 97DAEC

■ AEDFEC

■ C6E4EC

■ DDE9EC

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00C0CF



09BBEC



6EB1F8

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



09BBEC



F28FB1



A0B569

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



09BBEC



EC3A09

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C7AA60



09BBEC



F5928B

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



09BBEC



DA96D5



E59C6E



73BD84

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



09BBEC



9AA9F4



E59C6E



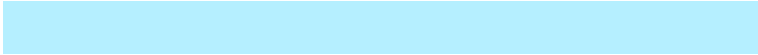
AEB263

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



09BBEC



B5EFFF



09EC36



537680



000000



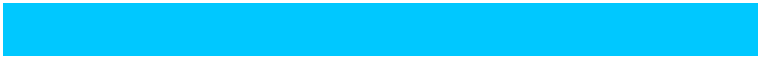
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



09BBEC



00C8FF



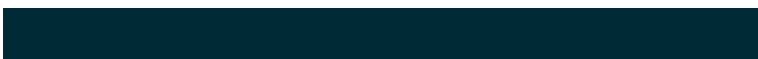
094DEC



6A7375



008EB5



002A36

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



EC09BB



FF00C8



ECA809



756A73



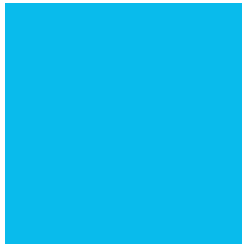
B5008E



36002A

Previews

White Background



This preview shows how the Hex color 09BBEC looks on a white background.

Color Contrast Check

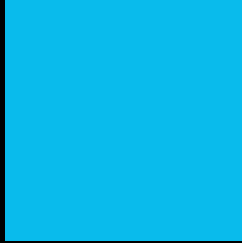
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 09BBEC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

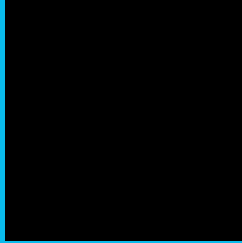
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 09BBEC Background



This preview shows how black text looks on a background with the Hex color 09BBEC.

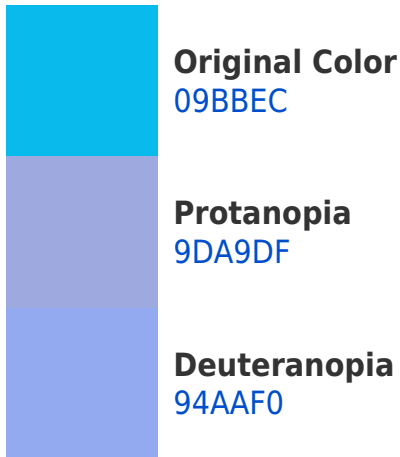


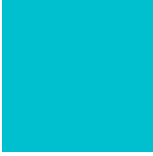
This preview shows how white text looks on a background with the Hex color 09BBEC.

Color Blindness Simulation

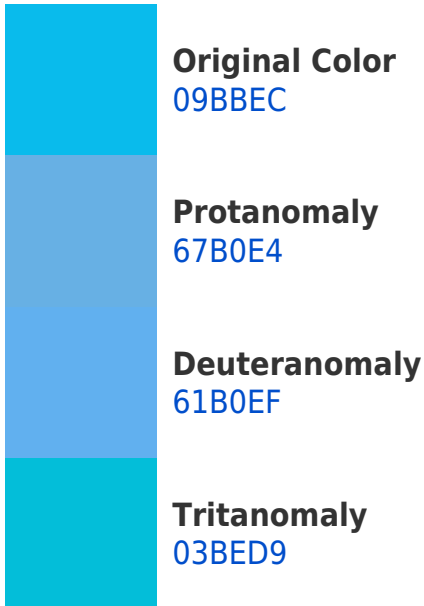
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 09BBEC is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #09BBEC looks like.

```
.text, #text, p{  
    color:#09BBEC  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #09BBEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09BBEC
}
```

Border

The CSS property to change the border of an element to Hex 09BBEC is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#09BBEC }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#09BBEC }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #09BBEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09BBEC; -webkit-box-shadow:4px 4px  
4px 4px #09BBEC; box-shadow:4px 4px 4px  
4px #09BBEC }
```

Background

The CSS property to change the background color of an element to Hex 09BBEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09BBEC }
```

If only the background color should be changed can be used:

```
.background{ background-color:#09BBEC }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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